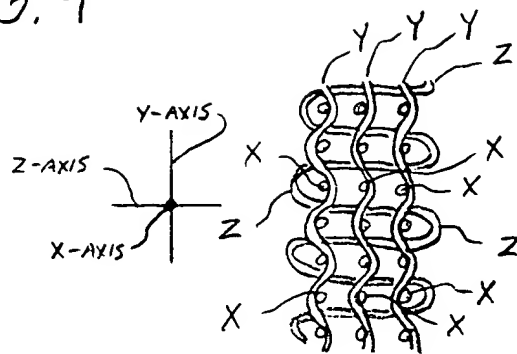


FIG. 4



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Table 1(U). CHARACTERISTICS OF AMERICAN AND FOREIGN BALL, STEEL CORED, AND TUNGSTEN-CARBIDE CORED AMMUNITION FOR RIFLES AND GUNS

Caliber	Nomenclature	Metric Designation (mm)	Weight-Grains		Muzzle Velocity (F/S)	Origin or Comment
			Projectile	Penetrator		
5.56 mm	Ball, M193 (, 223)	5.56-45	56	39 Pb-Sb	3135	American AR & M16A1 rifles, Colt light machine gun
5.56 mm	Ball, XM77	5.56-45	54	34 Pb 3.5 Steel	3200	American AR and M16A1 rifles, Colt light machine gun
6.5 mm	Ball	6.5-50.5SR	136	Pb-Sb	2500	Japan and Com. China, Japanese 30 & 38 rifles, 11 & 96 machine guns
6.5 mm	Ball, Type H	6.5-52.5	162		2390	Italian, Mannlicher Carcano rifle & carbine models 38
6.5 mm	Ball	6.5-53.5	160			Greek Mannlicher, 1903/14 rifle and carbine
6.5 mm	Ball	6.5-54R	159		2400	Holland, Dutch Mann, Rumanian Mannlicher
6.5 mm	Ball	6.5-54	160		2195	Austria, Mannlicher Schon
6.5 mm	Ball	6.5-54	126		2463	German Mauser
6.5 mm	Ball	6.5-55	156		2400	Norwegian Krag, Swedish & Finnish rifles, and machine guns
6.5 mm	Ball	6.5-58	156		2568	Portuguese, Model 1904, Mauser-Vergueiro rifle
7 mm	Ball, Type LP	7-57	154	Pb-Sb	2666	Mexican Mauser, Latin American & Spanish rifles
7.35 mm	Ball, Type LP	7.35-52	123	Pb	2483	Italy, Model 38 rifle, carbine and machine gun
7.5 mm	AP	7.5-55.5	174	Hard Steel	2500	Swiss M11 rifle, M11, M31, M31/42 and M31/43 carbines
7.5 mm	Ball, M1929D	7.5-54	190	Pb	2650	French, MAS 1936 and M1949 rifles, M1931 and M1952 machine guns
7.5 mm	AP, M1929P	7.5-54	140	Hard Steel	2690	French MAS 1936 and M1949 rifles, M1931 and M1952 machine guns
.30-06	Ball, M2	7.62-63	152	100 &	2800	American, 100 gr has copper alloy jacket
.30	Ball, M1	7.62-33	110	118 Pb-Sb		American, 118 gr has gilding metal steel clad jacket
.30-06	AP, M2	7.62-63	166	33 Pb-Sb	1950	American, carbine M1
7.62 mm	API, Type P41	7.62-25	74	31 Hard Steel	2765	American
7.62 mm	Ball, Type 50	7.62-25	86	Hard Steel	1640	USSR
7.62 mm	Ball, Type P, M1930	7.62-25	86	Pb	1380 & 1850	Com. China submachine guns, ammunition types B, BT
7.62 mm	API, Type 56	7.62-39	117	60 Hard Steel	1640	USSR, PPSH-41, RPD40, PPS-42 and 43 submachine guns
7.62 mm	API, Short Type	7.62-39	120	63 Hard Steel	2410	Com. China
7.62 mm	BZ, M1943	7.62-39	123	55 Mild Steel	2380	USSR: AK47 and AKM rifles, SKS carbine
7.62 mm	Ball, Short Type	7.62-39	123	69 Mild Steel	2380	RPD, and RPK machine guns
7.62 mm	PS, M1943	7.62-39	123	55 Mild Steel	2380	USSR, AK47 and AKM rifles, SKS carbine, RPD and RPK machine guns
7.62 mm	Ball, Type 56	7.62-39	123	55 Mild Steel	2410	Com. China
7.62 mm	Ball, Short M52	7.62-45	131	Mild Steel	2440	Czechoslovak M52 rifle and light machine gun, supplied to Cuba
7.62 mm	API, Type BZT	7.62-54R	142	Hard Steel		USSR
7.62 mm	Ball, HP	7.62-51				Israel
7.62 mm	Ball, M80	7.62-51	149	114 Pb-Sb	2750	NATO
7.62 mm	Ball, Type L, M1908	7.62-54R	148	114 Pb-Sb	2830	USSR & satellites, North Korean & Viet Cong, Com. China carbine, light machine gun
7.62 mm	Ball, HP, Type 53	7.62-54R	148	73 Mild Steel	2870	Heavy machine gun
7.62 mm	Ball, HP, Type LPS	7.62-54R	148	73 Mild Steel	2870	USSR and satellites, North Korean and Viet Cong
7.62 mm	Ball, M59	7.62-51	150	55 Mild Steel	2750	NATO
7.62 mm	AP, M61	7.62-51	150	55 Hard Steel	2750	NATO
7.62 mm	API, Type B32, M1932	7.62-54R	155	84 Hard Steel	2880	USSR, Boat-tailed, pointed, steel cored bullet
7.62 mm	API, Type 53	7.62-54R	156	84 Hard Steel	2870	Com. China carbine, light machine gun, heavy machine gun
7.62 mm	AP-T, Type BT	7.62-54RR	157	Hard Steel		USSR
7.62 mm	AP, B30, M1930	7.62-54R	169	Hard Steel	2768	USSR
7.62 mm	Ball, Heavy, Type D, M1930	7.62-54R	182	140 Pb	2630	USSR, Boat-tailed, pointed, Pb cored bullet
7.62 mm	API, B540, M1940	7.62-54RR	187	WC		USSR
7.65 mm	Ball	7.65-53.5	174		~ 2600	Belgium Mauser used in M89 rifle and carbine, Turkish M91 and M93 rifles
7.7 mm	Ball	7.7-58SR	205	Pb-Sb	2400	Japan and Com. China, Japanese 92 and 97 machine guns, interchangeable with British .303 ammunition
7.7 mm	AP and Ball	7.7-58			2240 to 2490	Japan and Com. China rifles and machine guns, Type 99
7.92 mm	Ball, Type LP	7.92-57	154		2760	Com. China
7.92 mm	Ball, Type 47	7.92-57	178	Mild Steel	2450 to 2600	Czechoslovak, Belgium, German, Egyptian and Spanish Mauser rifles and machine guns
7.92	Ball, Kurz PP43	7.92-33				German VG 1-5, MP43, MP43/1, MP44 and STG 44 rifles